

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
1 February 2001 (01.02.2001)

PCT

(10) International Publication Number
WO 01/07017 A1

(51) International Patent Classification⁷: A61K 9/70,
31/44, A61P 9/14

[IT/IT]; Glaxo Wellcome S.p.A., Via A. Fleming, 2,
I-37100 Verona (IT).

(21) International Application Number: PCT/EP00/06215

(74) Agent: SCHMIDT, Werner; LTS Lohmann Therapie-Systeme AG, Postfach 1525, D-56605 Andernach (DE).

(22) International Filing Date: 4 July 2000 (04.07.2000)

(25) Filing Language: English

(81) Designated States (*national*): AU, BR, CA, CN, CZ, HU, IL, IN, JP, KR, MX, NZ, PL, RU, TR, US, ZA.

(26) Publication Language: English

(30) Priority Data:
9917290.0 22 July 1999 (22.07.1999) GB

(84) Designated States (*regional*): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

(71) Applicant (*for all designated States except US*): LTS LOHMANN THERAPIE-SYSTEME AG [DE/DE]; Lohmannstrasse 2, D-56626 Andernach (DE).

Published:

- With international search report.
- Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

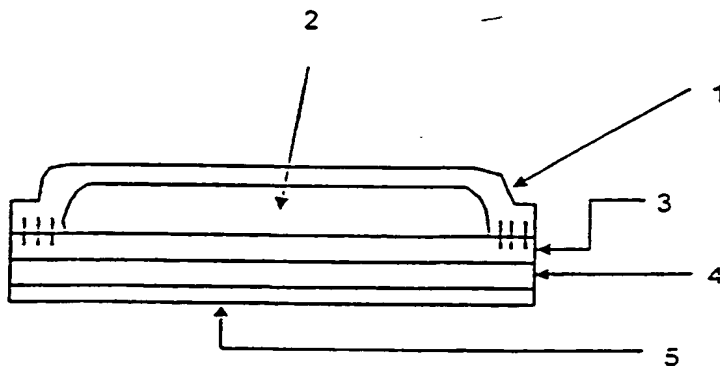
(72) Inventors; and

(75) Inventors/Applicants (*for US only*): BERTHOLD, Achim [DE/DE]; Erfurter Strasse 1, D-56626 Andernach (DE). MÜLLER, Walter [DE/DE]; Engerser Strasse 56, D-56564 Neuwied (DE). GAVIRAGHI, Giovanni

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: TRANSDERMAL THERAPEUTIC SYSTEM FOR ADMINISTERING A CALCIUM ANTAGONIST

schematic section of a TTS according to the invention



(57) Abstract: The invention relates to transdermal therapeutic systems for the therapeutic administration of calcium antagonists of the dihydropyridine type, to a process for its preparation and to its use in medicine.

WO 01/07017 A1

20010201 6257009